Project & Supplemental Design Data Information

Project Number: SOIB-SOIA-5-022(116)920

PCN: 20780

Location: Stark County

Description: New construction of 116th Avenue SW and 33rd Street SW to a 3 lane asphalt section with 16'

center lane, 12' lanes, and 8' asphalt shoulders.

This AAREADME file does not list all limitations with the model. The document is only provided as a place to start your review. The contractor is responsible for reviewing model information and determining if and where the data may be applicable.

1.0 File Index

Job116.gpk

Geometry data file for modeling containing alignments and profiles.

Control.dgn

• Plan view of survey control.

Design.dgn

Plan view of roadway design.

DS_Align.dgn

Plan view of roadway alignment.

PROFILE.dgn

Contains the existing and proposed profiles.

RW_Bndry.dgn

 Plan view of boundary features including proposed right of way and temporary construction easements.

TOPOG.dgn

Plan view of existing topography.

<u>Project Number</u>: SOIB-SOIA-5-022(116)920, PCN 20780

Description: 116th Avenue SW and 33rd Street SW

August

XSEC.dgn

 2-D file showing cross sections at 50' intervals and at critical sections such as pipes, approaches, and superelevation key stations. Plotted at 40 horizontal by 20 vertical scale.

2.0 Surface File Index

T (.tin, .dtm, .xml)

· Contains top of all finished surface.

Proposed_Subgrade (.tin, .dtm, .xml)

Contains top of subgrade of all finished surface

EGRND (.tin, .xml)

· Contains existing ground surface

The T.tin, T.dtm, and T.xml have limitations. Use the plans and cross sections to construct these areas. The files consist of the following known limitations:

Surface should not be used near culverts, frontage roads, or approaches.

The XSEC.dgn has been edited from the models shown above.

- Hand edits were required on various cross sections. Following is a partial listing:
 - Sta. 3125+60 (Culvert Crossing)
 - Sta. 3147+41 (Culvert Crossing)
 - Sta. 3166+24 (Culvert Crossing)
 - Sta. 3195+28 (Culvert Crossing)
 - Sta. 3201+13 (Culvert Crossing)
 - Sta. 3211+83 (Culvert Crossing)
 - Sta. 3220+54 (Culvert Crossing)
 - Sta. 3236+63 (Culvert Crossing)
 - Sta. 3258+83 (Culvert Crossing)
 - Sta. 3267+63 (Culvert Crossing)
 - Sta. 3280+03 (Culvert Crossing)
 - Sta. 3284+63 (Culvert Crossing)
 - Sta. 3308+43 (Culvert Crossing)
 - Sta. 3325+43 (Culvert Crossing)

<u>Project Number</u>: SOIB-SOIA-5-022(116)920, PCN 20780

<u>Description</u>: 116th Avenue SW and 33rd Street SW

August 3, 2015

3.0 Alignment Index

ALIGNMENTS KEY

HORIZ	EXIST-VERTICAL	PROP-VERTICAL	ROADWAY
Primary			
116_ULT	116_ULT_EX	116_ULT_PR	116 th Ave SW and 33 rd St SW

ALIGNMENTS KEY CONT'D

Approaches/Frontage Roads				
SA_1	SA_1_EX	SA_1_PR	South Access Road 1	
SA_2	SA_2_EX	SA_2_PR	South Access Road 2	
SA_3	SA_3_EX	SA_3_PR	South Access Road 3 (34 th St SW)	
SA_4	SA_4_EX	SA_4_PR	South Access Road 4 (Existing 116 th Ave SW)	
NA_1	NA_1_EX	NA_1_PR	North Access Road 1	
NA_2	NA_2_EX	NA_2_PR	North Access Road 2	
NA_3	NA_3_EX	NA_3_PR	North Access Road 3 (114 th Ave SW)	
NA_4	NA_4_EX	NA_4_PR	North Access Road 4	
NA_5	NA_5_EX	NA_5_PR	North Access Road 5	

<u>Project Number</u>: SOIB-SOIA-5-022(116)920, PCN 20780 <u>Description</u>: 116th Avenue SW and 33rd Street SW